

# Appendix A

## Planning Documents and Engineering Study/Research

### Key to Authors:

SHG	Smith, Hinchman & Grylls Assoc. Inc.	Architects, engineers, planners
JJR	Johnson, Johnson & Roy Inc.	Planning, landscape architecture, environmental
HDR	Henningson, Durham & Richardson Inc.	Architecture, engineering, site/landscape planning
EWA	Earl Walls Associates	Laboratory programming consultants
CRSS	CRSS Constructors Inc. (A Jacobs Company)	Construction management, cost estimating, scheduling
Acentech	Acentech Inc.	Vibration consultants
JE	Jacobs Engineering	Architecture, engineering
Hanscomb	Hanscomb Associates	Estimating consultant
Schnabel	Schnabel Associates	Geotechnical consultant (Gaithersburg projects)
WC	Woodward Clyde Associates	Geotechnical consultant (Boulder projects)
GSA	General Services Administration	Government agency
Booz·Allen	Booz·Allen & Hamilton Inc.	Management and technology consultants

<u>Author</u>	<u>Document Title</u>	<u>Date</u>	<u>Type/Size</u>
SHG/JJR	CIFP-Programming Phase-Final Submittal	9/30/92	220 pg. LL Binder
SHG/JJR	Inventory Programming Challenges	12/4/92	250 pg. LL Binder
HDR, NIST	European Laboratory Concepts	4/1/93	100 pg. Report
HDR	European Laboratory Tour (photographs)	4/1/93	180 pg. LL Binder
NIST	Report on the Facilities of the NIST	4/1/93	50 pg. Report
HDR	CIFP Vibration Investigation (Boulder)	4/8/93	LL Binder
WC	Preliminary Geotechnical Study ATL and CEP Additions	4/30/93	35 pg. Report
Schnabel	Preliminary Geotechnical Engineering Report	5/24/93	50 pg. Report
HDR	Cost Model, Boulder ATL	9/7/93	270 pg. Report
HDR	Cost Model, Gaithersburg ATL	9/7/93	140 pg. Report
HDR	Laboratory Design Criteria	9/7/93	320 pg. Report
HDR	Options and Site Master Plans	9/7/93	175 pg. Report
HDR	Preliminary Vibration Report-Gaithersburg	9/7/93	500 pg. Report
HDR	ATL Minimum Model (Gaith. & Boulder)	9/17/93	180 pg. Report
HDR/Hanscomb	Baseline Cost Model-Gaithersburg	10/4/93	125 pg. Report
HDR/Hanscomb	Baseline Cost Model-Boulder	10/4/93	120 pg. Report
HDR, NIST	United States Laboratory Concepts	11/30/93	75 pg. Report
EWA	ATL Baseline Programming Report, Schematic Design Phase	11/18/93	Report
HDR/Hanscomb	Baseline Cost Model-Gaithersburg ATL, Schematic Design Phase	1/5/94	125 pg. Report
HDR/Hanscomb	Baseline Cost Model-Boulder ATL	1/5/94	120 pg. Report
HDR	Baseline Program and Site Plan-Gaithersburg	1/5/94	130 pg. Report
HDR	Baseline Program and Site Plan-Boulder	1/5/94	75 pg. Report
HDR	Central Utility Plant Major Equipment Report	2/11/94	125 pg. Report
HDR	Temperature Control Research Project Basis of Design Report	3/18/94	300 pg. Report
HDR	Vibration Isolation Research Project Manual	3/25/94	80 pg. Report
HDR/EWA	Renovation Master Plan-Gaithersburg	5/4/94	8 Color Drawings
HDR/EWA	Renovation Master Plan-Boulder	5/5/94	6 Color Drawings

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<u>Author</u>	<u>Document Title</u>	<u>Date</u>	<u>Type/Size</u>
HDR	Renovation Master Plan-Gaithersburg -Buildings Assessment -Cost Model -Facilities Use Plan -Program Requirements	5/23/94	4 LL. Binders 170 pg. LL. Binder 125 pg. LL. Binder 170 pg. LL. Binder 430 pg. LL. Binder
HDR	Renovation Master Plan-Boulder -Buildings Assessment -Cost Model -Facilities Use Plan -Program Requirements	5/23/94	4 LL. Binders 90 pg. LL. Binder 190 pg. LL. Binder 100 pg. LL. Binder 200 pg. LL. Binder
HDR	Clean Room Tour Report	6/14/94	45 pg. Report
HDR	Central Utility Plant-Basis of Design Report	11/4/94	120 pg. Report
HDR/Acentech	Vibration Survey, Existing Buildings-Boulder	10/31/94	725 pg. Report (2
HDR	CIFP Criteria Manual (Revised)	11/23/94	270 pg. Report
HDR/Acentech	Finite Element Model of the Vibration Isolation Research Project	2/9/95	370 pg. Report
Schnabel	Geotechnical Engineering Report-Gaith.	2/9/95	200 pg. Report
HDR/Acentech	Vibration Isolation Research Project A1 Slab Measurement Program	2/27/95	150 pg. Report
HDR/EWA	Boulder Renovation Project – Scope Definition Study	3/3/95	110 pg. Report
HDR	Basis of Design Report - Boulder ATL	3/27/95	370 pg. Report
HDR	Model Photographs - Gaith. & Bldr. ATLs	4/2/95	LL. Binder
NIST/CIFP	Transportation Management Plan - Gaith.	4/30/95	150 pg. Report
CRSS	Building 227 Final Program	5/31/95	110 pg. Report
JE/CRSS/EWA	ACSL Basis of Design Report	6/21/95	200 pg. Report
JE	ACSL Final Environmental Assessment	9/30/95	210 pg. Report
HDR	Forest Conservation Plan - Gaithersburg	12/18/95	12 pg. Report
Schnabel	Geotechnical Engineering Report - Gaith.	4/10/96	200 pg. Report
GSA	Environmental Impact Statement – Boulder (2 vol.)	4/26/96	1140 pg. Report
HDR	ATL Fire Protection and Code Analysis, Gaith. (2 vol.)	10/7/96	580 pg. Report
HDR	Land Management Plan	11/26/96	10 pg. Report
HDR	Basis of Design Report - Gaithersburg ATL	3/3/97	366 pg. Report
SHG	NIST Capital Improvements Facilities Plan: 1997 Retrace Project	6/6/97	83 pg. Report, (Appendix, Vol. 2)
Booz·Allen	Capital Assets Economic Analysis: Business Case for the National Institute of Standards and Technology (Draft Final)	6/20/97	62 pg. Report